

Converting Colors

XYZ(17.1742, 15.5280, 13.1287)

Have a look what the booklet for
XYZ(17.1742, 15.5280, 13.1287)
contains.

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Color

**XYZ(17.2462, 15.5552,
13.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6560
RGB	138, 101, 96
RGB Percent	54%, 40%, 38%
CMY	0.4588, 0.6039, 0.6235
CMYK	0.00, 0.27, 0.30, 0.46
HSL	7°, 18%, 46%
HSV	7°, 30%, 54%
XYZ	17.2462, 15.5552, 13.1598
YIQ	111.4930, 23.6570, 6.2890

Conversions

Conversions Part 2

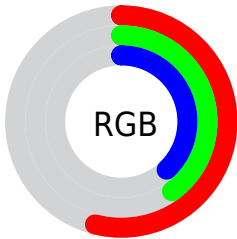
Format	Color
R_{YB}	138, 102, 96
Decimal	9069920
CIE Lab	46.39, 14.16, 8.68
CIE LCh	46, 16.610, 31.493
Yxy	15.5552, 0.3752, 0.3384
Android (android.graphics.Color)	4287260000 (0xFF8A6560)
YUV	111.4930, -7.6380, 23.2466
Hunter-Lab	39.4401, 9.0336, 7.8250

Details

The XYZ color **17.2462, 15.5552, 13.1598** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7984, 21.0959, 27.1785**, and the grayscale version is **15.2699, 16.0652, 17.4950**.

A 20% lighter version of the original color is **38.1548, 35.7383, 32.0813**, and **5.8254, 4.8949, 3.6554** is the 20% darker color. If you saturate the color by 10%, you get **15.5716, 13.1350, 9.7374**, and if you desaturate by 10%, it is **19.2078, 18.3707, 17.2286**.

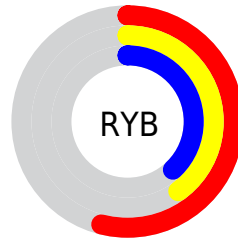
Distribution



Red (54%)

Green (40%)

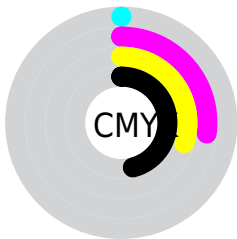
Blue (38%)



Red (54%)

Yellow (40%)

Blue (38%)

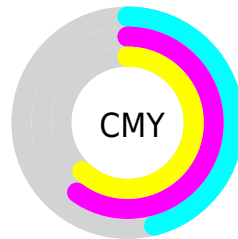


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2462, 15.5552, 13.1598 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 17.2462, 15.5552, 13.1598 by changing the saturation by 10% instead.

■ 17.2462, 15.5552,
13.1598

■ 17.2462, 15.5552,
13.1598

229.7159,
226.7025, 223.1830

■ 10.5066, 9.2100,
7.4067

■ 38.2888, 35.8243,
32.2860

■ 5.8009, 4.8784,
3.6354

■ 53.3226, 50.5169,
46.4961

■ 2.7639, 2.1761,
1.4275

■ 71.8517, 68.7607,
64.3622

■ 1.0302, 0.7069,
0.1631

■ 94.2416, 90.9402,
86.3030

■ 0.0000, 0.0000,
0.0000

120.8576,
117.4398, 112.7369

152.0651,

148.6437, 144.0825

188.2294,
184.9365, 180.7584

■ 17.2462, 15.5552,
13.1598

■ 17.2462, 15.5552,
13.1598

■ 15.5716, 13.1350,
9.7374

■ 19.2078, 18.3707,
17.2286

■ 14.1692, 11.0903,
6.9270

■ 21.4678, 21.5958,
21.9736

■ 13.0250, 9.4028,
4.6929

■ 24.0383, 25.2467,
27.4240

■ 12.1230, 8.0520,
2.9949

■ 26.9305, 29.3383,
33.6071

■ 11.4454, 7.0151,
1.7878

■ 30.1551, 33.8845,
40.5486

■ 10.9720, 6.2666,
1.0189

■ 33.7222, 38.8988,
48.2730

■ 10.6731, 5.7870,
0.5545

■ 37.6415, 44.3940,
56.8038

■ 41.9223, 50.3825,
66.1632

■ 46.5735, 56.8762,
76.3730

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.6962, 15.5552, 16.7334



17.2462, 15.5552, 13.1598



16.1313, 15.5552, 10.9352

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.2462, 15.5552, 13.1598



12.5055, 15.5552, 13.4613



14.8562, 15.5552, 26.0540

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.2462, 15.5552, 13.1598



17.7984, 21.0959, 27.1785

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13.5153, 15.5552, 24.8102



17.2462, 15.5552, 13.1598



12.2115, 15.5552, 17.1422

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.2462, 15.5552, 13.1598



13.3992, 15.5552, 11.0885



12.5694, 15.5552, 21.3755



16.2627, 15.5552, 24.5475

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.2462, 15.5552, 13.1598



15.1938, 15.5552, 10.3016



12.5694, 15.5552, 21.3755



14.3831, 15.5552, 25.9427

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.2466, 15.5559, 13.1601



38.3733, 38.8243, 39.8569



18.9047, 15.4653, 24.2152



8.4839, 8.5330, 8.6798



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.2466, 15.5559, 13.1601



28.1804, 24.2150, 18.6511



19.5398, 20.1423, 13.9245



5.0778, 5.1384, 5.2766



9.7921, 5.3186, 0.5105



0.0704, 0.0461, 0.0052

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.7984, 21.0959, 27.1785



29.3199, 35.6962, 47.7279



15.2166, 15.9323, 26.3179



5.1229, 5.5887, 6.4146



10.5445, 14.3593, 24.2616



0.0767, 0.1087, 0.1634

Previews

White Background



This preview shows how the XYZ color 17.2462, 15.5552, 13.1598 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.2462, 15.5552, 13.1598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2462, 15.5552, 13.1598

Background



This preview shows how black text looks on a background with the XYZ color 17.2462, 15.5552, 13.1598.



This preview shows how white text looks on a background with the XYZ color 17.2462, 15.5552,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.2462, 15.5552, 13.1598

Protanopia

14.8643, 15.6689, 14.5529

Deuteranopia

15.8238, 15.5699, 12.9978



Tritanopia

17.7631, 15.4742, 15.9605

Trichromacy



Original Color

17.2462, 15.5552, 13.1598

Protanomaly

15.6782, 15.6272, 13.9944

Deuteranomaly

16.2218, 15.4727, 12.9580

Tritanomaly

17.6528, 15.5826, 14.9093

Monochromacy



Original Color

17.2462, 15.5552, 13.1598

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.7444, 15.6209, 15.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2462, 15.5552, 13.1598 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 101, 96)` looks like.

```
.text, #text, p{  
    color:rgb(138, 101, 96)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 101, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 101, 96) }
```

Border

The CSS property to change the border of an element to XYZ 17.2462, 15.5552, 13.1598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 101, 96) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 101, 96) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 101, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(138, 101,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2462, 15.5552, 13.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 101, 96) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
101, 96) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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